

	A	B	C	D	E	F	G	H	I	J	K
1				US Steel	For years:	Created by:	Version:				
2		Draft		Gary Violations	2008-2011	Brian Dickens	8/22/2012				
3	Violations								Total #	Already	
4		Evidence Source	Period	Violation Description	Citation	Evidence Location	Date	Actual Emission	Violations	Alleged?	Comments
5											
6											
7	2008	5FNESHAP	1&2Q08	No violations							
8		Title V	1Q08	#5 and #7 coke oven, Failure to Operate Controls during Pushing	D.2.18(a)(2),	IDEM referral on F: drive, but no reports to back it up	1/1/2008	NA	1	New	Baghouse was not on during pushing, 326 IAC 2-7-6(6) is permit cite but is "other provisions commissioner may require"
9		Title V	1Q08	#5 and #7 coke oven, Failure to Operate Controls during Pushing	D.2.18(a)(2)	IDEM referral on F: drive, but no reports to back it up	3/11/2008	NA	1	New	Baghouse was not on during pushing, 326 IAC 2-7-6(6) is permit cite but is "other provisions commissioner may require"
10		Title V	1Q08	#1 BOF Roof monitor opacity	D.8.4(b), 326 IAC 6.8-3-4, 63.7790	IDEM referral on F: drive, but no reports to back it up	2/15/2008	27.5%	1	Same Equip, Same violation	
11		Title V	1Q08	#5 coke oven battery doors opacity	D.2.4(a), D.2.5(e), 326 IAC 11-3-2(f), 326 IAC 6.8-9-3(a)(1), no more than 10% of doors leaking	IDEM referral on F: drive, but no reports to back it up	3/14/2008	12.7%	1	Same Equip, Same violation	
12		Title V	1Q08	#7 coke oven battery doors opacity	D.2.4(a), D.2.5(e), 326 IAC 11-3-2(f), 326 IAC 6.8-9-3(a)(1), no more than 10% of doors leaking	IDEM referral on F: drive, but no reports to back it up	3/31/2008	21.0%	1	Same Equip, Same violation	
13		Title V	2Q08	#7 coke oven battery doors opacity	D.2.4(a), D.2.5(e), 326 IAC 11-3-2(f), 326 IAC 6.8-9-3(a)(1), no more than 10% of doors leaking	IDEM referral on F: drive, but no reports to back it up	5/3/2008	12.3%	1	Same Equip, Same violation	
14		Title V	2Q08	#7 coke oven battery doors opacity	D.2.4(a), D.2.5(e), 326 IAC 11-3-2(f), 326 IAC 6.8-9-3(a)(1), no more than 10% of doors leaking	IDEM referral on F: drive, but no reports to back it up	5/10/2008	10.8%	1	Same Equip, Same violation	
15		5C NESHAP	1&2Q08	No violations							
16											
17		5C NESHAP	3Q08	No 7 underfire stack opacity	63.7296(b), 20% opacity	Attachment 1 of hard copy report in fillroom file	7/25/2008	23.0%	1	Same Equip, Same violation	Battery shutdown on 7/18, high pressure purge of steam and nitrogen eroded carbon buildup, causing cracks
18		Title V	3Q08	#2 coke oven battery offtakes opacity	D.2.4(e)(1), no VE on more than 5% of offtakes	electronic copy of TS report, F drive	7/2/2008	6.7%	1	Same Equip, Same violation	

	A	B	C	D	E	F	G	H	I	J	K
19		Title V	3Q08	#7 coke oven battery doors opacity	D.2.4(a), D.2.5(e), 326 IAC 11-3-2(f), 326 IAC 6.8-9-3(a)(1), no more than 10% of doors leaking	electronic copy of T5 report, F drive	7/16/2008	12.7%		Same Equip, Same 1 violation	
20		Title V	3Q08	#7 coke oven battery, general excess emissions	D.2.25, 5C NESHAP, 63.7800(a) and 63.6(e)	electronic copy of T5 report, F drive	7/25/2008	Raw Gas leaving ovens		Reg cite in Complaint, but different equip 1	Took battery down, purged with steam and nitrogen which removed carbon from door seals, when charged again significant leaks of gas out of oven
21		Title V	3Q08	#2 coke oven battery push opacity	D.2.4(g)(2), 20% from pushing	electronic copy of T5 report, F drive	8/12/2008	32.5%		Same Equip, Same 1 violation	
22		Title V	3Q08	#2 coke oven battery offtake opacity	D.2.4(e)(1), no VE on more than 5% of offtakes	electronic copy of T5 report, F drive	8/27/2008	7.3%		Same Equip, Same 1 violation	
23		Title V	3Q08	#2 coke oven battery offtake opacity	D.2.4(e)(1), no VE on more than 5% of offtakes	electronic copy of T5 report, F drive	9/2/2008	6.8%		Same Equip, Same 1 violation	
24		Title V	3Q08	#2 coke oven battery offtake opacity	D.2.4(e)(1), no VE on more than 5% of offtakes	electronic copy of T5 report, F drive	9/4/2008	5.6%		Same Equip, Same 1 violation	
25		Title V	3Q08	#2 coke oven battery offtake opacity	D.2.4(e)(1), no VE on more than 5% of offtakes	electronic copy of T5 report, F drive	9/5/2008	5.6%		Same Equip, Same 1 violation	
26											
27	*	5C NESHAP	4Q08	Don't have report but assume all violations in Title V report							
28		Title V	4Q08	#5 coke oven doors	D.2.4(a), D.2.5(e), 326 IAC 11-3-2(f), 326 IAC 6.8-9-3(a)(1), no more than 10% of doors leaking	electronic copy of T5 report, F drive	12/20/2008	12.0%		Same Equip, Same 1 violation	
29	*	5F NESHAP	3&4Q08	Don't have report but assume all violations in Title V report							
30											
31	2009	5C NESHAP	1Q09	No violations							
32		Title V	1Q09	No violations							
33											
34		5C NESHAP	1&2Q09	No violations							
35		Title V	2Q09	0.52 lb VOC/ton instead of 0.36 at sinter plant windbox	D.6.5(f), 326 IAC 8-13-3(b) and (c),	electronic copy of T5 report, F drive	4/17/2009	0.52 lb VOC/ton		1 New	

	A	B	C	D	E	F	G	H	I	J	K
36 *		SF NESHAP	1&2Q09	Don't have report but assume all violations in Title V report							
37											
38		SC NESHAP	3Q09	No violations							
39		Title V	3Q09	No violations							
40											
41 *		SC NESHAP	4Q09	Don't have report but assume all violations in Title V report							
42		Title V	4Q09	#7 coke oven push opacity, 22% > 20%	D.2.4(2), which is 326 IAC 6.8-9-3(a)(3),	electronic copy of T5 report, F drive	11/16/2009	22.0%		Same Equip, Same 1 violation	Door Machine hooked to two (#5 and #7) suction ducts simultaneously, introducing excess air
43		Title V	4Q09	#2 QBOP Shop, opacity greater than 20% 3-min	D.9.4(3), 326 IAC 6.8-3-4	electronic copy of T5 report, F drive	10/8/2009	29.78%		Same Equip, Same 2 violation	slopping due to insufficient lime addition
44 *		SF NESHAP	3&4Q09	Don't have report but assume all violations in Title V report							
45											
46 2010 *		SC NESHAP	1Q10								
47		Title V	1Q10	VOC monitoring system failure	D.6.13	electronic copy of T5 report, F drive	3/2/2010	NA		1 New Fan to Calibrate in Complaint, 1 but	no claim of malfunction
48		Title V	1Q10	#2QBOP shop, Failed to calibrate differential pressure transmitter	D.9.14(e)	electronic copy of T5 report, F drive	3/1/2010	NA		1 but	calibration not completed within 6 months
49											
50 *		SC NESHAP	2Q10	Don't have report but assume all violations in Title V report							
51		Title V	2Q10	No violations		8/16/12 email from D. Sampias					
52		SF NESHAP	1&2Q10	No violations							
53											
54		SC NESHAP	3Q10	No violations							
55		Title V	3Q10	#2 coke oven battery, opacity from more than 5% of the offtake pipes	D.2.4(e) and D.2.5(c) of Title V permit, 326 IAC 6.8-9-3(a)(5), 326 IAC 11-3-2 respectively	IDEM's 1/13/11 referral to us (in email from Sampias on 1/21/11)	8/13/2010	7.0%		Same Equip, Same 1 violation	Patch and seal leaks is the response
56											
57 *		SC NESHAP	4Q10	Don't have but assume all violations in Title V							
58		Title V	4Q10	#1 BOF operation out of compliance with O&M plan	D.8.1 and D.8.15, and 63.7800(b)	electronic copy of T5 report, F drive	12/11/2010	NA		New for Gary, but other sites had O&M 6 violations	Low differential pressure, south venturi scrubber

	A	B	C	D	E	F	G	H	I	J	K
59		Title V	4Q10	#2 coke oven battery, opacity from more than 5% of the offtake pipes	D.2.4(e) and D.2.5(c) of Title V permit, 325 IAC 6.8-9-3(a)(5), 326 IAC 11-3-2 respectively	electronic copy of TS report, F drive. Violation stated in referral, but not in report	10/22/2010	6.5%		Same Equip, Same violation	
60		5F NESHAP	3&4Q10	No violations							
61											
62	2011	5C NESHAP	1Q11	No violations							
63		Title V	1Q11	Same violations listed in NESHAP report for First Half (below)							
64											
65		5C NESHAP	1&2Q11	No violations							
66		Title V	2Q11	No violations							
67		5F NESHAP	1&2Q11	BOF roof monitor opacity	C.1(a), 326 IAC 5-1, 63.7790(a) and 63.7833(a),	Attachment 2 to fileroom hard copy 5F NESHAP report	2/16, 2/16, 2/21, 2/21	21.7%, 28.8%, 25%, 35%		Same Equip, Same violation	Wet scrap reacted with hot metal, wet OP bundles reacted with hot metal
68		5F NESHAP	1&2Q11	#14 Blast Furnace opacity from roof monitor	C.1(a), 326 IAC 5-1, 63.7790(a) and 63.7833(a),	Attachment 2 to fileroom hard copy 5F NESHAP report	2/3, 2/23	21, 21%		New for #14, but other BFs have this violation	"Use of water for cooling on the drill shaft over extended period of time", improper alignment of drill in hole
69											
70	*	5C NESHAP	3Q11	Don't have report but assume all violations in Title V report							
71		Title V	3Q11	#8 Blast Furnace opacity from roof monitor	C.1(a), 326 IAC 5-1, 63.7790(a) and 63.7833(a),	electronic copy of TS report, F drive	8/9/2011	23.0%		Same Equip, Same violation	mud gun ring broke off but not replaced for next plug
72		Title V	3Q11	#2 coke oven precarbonization opacity	C.1(a), 326 IAC 5-1,	electronic copy of TS report, F drive	9/3/2011	20.8%		New for coke oven, but other equip has this violation	bad insulator in B, isolating it, when switched to A, shut down on high Oxygen
73		Title V	3Q11	#2 battery offtakes, opacity from more than 5% of offtakes	D.2.4(e) and D.2.5(c) of Title V permit, 325 IAC 6.8-9-3(a)(5), 326 IAC 11-3-2 respectively	electronic copy of TS report, F drive	8/19/2011	5.8%		Same Equip, Same violation	
74											
75	*	5C NESHAP	4Q11	Don't have report but assume all violations in Title V report							
76		Title V	4Q11	No violations		8/16/12 email from Dave Sampias					

	A	B	C	D	E	F	G	H	I	J	K
77	*	SF NESHAP	3&4Q11	Don't have report but assume all violations in Title V report							
78											
79	2012 *	5C NESHAP	1Q12	Don't have report but assume all violations in Title V report							
80		Title V	1Q12	#2 QBOP opacity 20% opacity, 3-min standard	D.9.4④, 326 IAC 6.8-3-4	electronic copy of T5 report, F drive	3/19/2012	unknown, not provided		Same Equip, Same violation 2	crane was blocking move of ladle to the car
81		Title V	1Q12	#2 QBOP opacity 20% opacity, 3-min standard	D.9.4④, 326 IAC 6.8-3-4	electronic copy of T5 report, F drive	3/23/2012	unknown, not provided		Same Equip, Same violation 1	charged wet scrap
82		Title V	1Q12	Unknown blast furnace opacity and O&M plan violation	C.1(a), 326 IAC 5-1, 63.7800(a) and 63.6(e)	electronic copy of T5 report, F drive	1/6/2012	unknown, not provided		Other sites had O&M violations 1	Report admits violation of c.1(a), the 20% opacity standard, but this is also a failure of NESHAP O&M plan
83		Title V	1Q12	#7 coke oven lost suction, producing opacity over 60% for a cumulative total of 15 minutes	C.1(b), 326 IAC 5-1	electronic copy of T5 report, F drive	1/20/2012	unknown, not provided		New for #7, but other equip had this violation 1	#4 condensing turbine tripped, bearings lost lubrication when steam pressure fell and secondary electrical lube system did not kick in due to incorrect setpoint
84		Title V	1Q12	Unspecified coke oven lost suction, producing opacity over 60% for a cumulative total of 15 minutes	C.1(b), 326 IAC 5-1	electronic copy of T5 report, F drive	1/29/2012	unknown, not provided		New for Oven, but other equip had this violation 1	
85		Title V	1Q12	#2 coke oven battery, emissions from more than 5% of the offtake pipes	D.2.4(e) and D.2.5(c) of Title V permit, 326 IAC 6.8-9-3(a)(5), 326 IAC 11-3-2 respectively	electronic copy of T5 report, F drive	3/24/2012	6.0%		Same Equip, Same violation 1	
86											
87	No Violations										
88										47	Total number of violations
89											
90											
91											
92											
93		No Violations									
94		3/19/09 #14 BF stack test									
95		3/17/09 Sinter plant stack test									
96		11/17/09 QBOP stack test									
97											
98	Notes:										

	A	B	C	D	E	F	G	H	I	J	K
99		5C NESHAP - Coke Ovens Pushing, Quenching and Battery Stacks									
100		5F NESHAP - Integrated Iron and Steel									
101		Email by Dave Sampias on 8/16/12 states that any violation of NESHAP 5F or 5C would be in the Title V report, so NESHAP's not needed.									
102		* = don't have report									